**FAI Assistant – Git Quick Reference**

**1. See what’s changed since last save**

lua

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git status

* Red files = changed but **not staged** for commit.
* Green files = staged (ready to commit).

**2. Save your current work (commit)**

sql

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git add .

git commit -m "Short description of what you changed"

💡 Example:

sql

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git add .

git commit -m "Added True Position Calculator"

**3. View your save history**

lua

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git log --oneline

Example output:

sql

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e965695 Add paid\_ended\_screen.dart

2a324be WIP

bbcd834 Add splash launch\_image and updated launch\_background

* First column = commit ID
* Second column = your message

**4. Go back in time (view or test old version)**

php-template

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git checkout <commitID>

Example:

nginx

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git checkout 2a324be

⚠️ This puts your folder into a “detached” state — changes here won’t save to master unless you branch or commit differently.

**5. Return to the latest version**

nginx

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git checkout master

**6. See differences between now and last save**

nginx

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git diff

Shows exactly what lines were changed.

**7. Undo changes in a file (since last commit)**

php-template

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git restore <filename>

Example:

bash

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git restore lib/home\_page.dart

**8. Undo a staged file (you added it, but want to un-add it)**

css

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git restore --staged <filename>

✅ With **status → add → commit → log → checkout**, you’ve got 90% of Git’s power for your app.  
Everything else is bonus.